



Stanford
MEDICINE



神奈川県

Translational Research:

“Genomics, Clinical Trials, and Neuroscience: How Research Can Improve Health”

6th Annual Stanford / Kanagawa Symposium November 6-7, 2018

Nov.6, Venue: Munzer Auditorium at Beckman Center (7:00-18:00)

7:00-8:00AM	<i>Coffee and Breakfast Networking</i>	
8:00-8:20AM	Opening Remarks	
	Ronald G. Pearl MD PhD Dr. Richard K. and Erika N. Richards Professor, Chairman of Anesthesiology, Perioperative & Pain Medicine at Stanford	
	Tomochika Uyama Consul General, Consulate-General of Japan in San Francisco	
	Kenji Shuto Vice governor, Kanagawa Prefectural Government	
8:20AM-10:10AM	Session 1: How Genomics will improve health	Moderator: Lawrence L. Leung MD , Maureen Lyles D'Ambrogio Professor of Medicine. Associate Dean for Veterans Affairs Stanford School of Medicine
	<i>Big Data and Health</i>	Michael Snyder, PhD Stanford B. Ascherman Professor and Chair of Genetics and Director of Genomics and Personalized Medicine at Stanford
	<i>New Therapies Emerging from Genomic Analyses</i>	Gary Peltz, MD, PhD Professor of Anesthesiology, Perioperative & Pain Medicine at Stanford
	<i>Tohoku Medical Bank Project</i>	Masayuki Yamamoto, MD, PhD Executive Director at Tohoku University Mega-Bank Organization (ToMMo)
	<i>Population Genomics in the Million Veteran Program</i>	Phillip D. Tsao, PhD and FAHA Associate Chief of Staff for Precision Medicine, VA Palo Alto Health Care System, Director, VA Palo Alto Epidemiology Research and Information Center (ERIC) for Genomics, Professor, Medicine (Cardiovascular Medicine) at Stanford
10:10-10:25AM	<i>Coffee Break</i>	

10:25AM-12:20PM	Session 2: Clinical Trials and Regulatory Science	Moderator: Steven Shafer Professor of Anesthesiology, Perioperative & Pain Medicine at Stanford
	<i>Importance of Academic-Industry Partnerships in Clinical Trials</i>	Kenneth Mahaffey, ND Professor of Medicine (Cardiovascular Medicine) and Director of the Stanford Center for Clinical Research
	<i>Current Status of Translational Research and Drug Development in Japan</i>	Masaru Iwasaki MD, PhD Professor and Vice chancellor. Yamanashi University, Director of UHCT-A
	<i>Regulatory Science in 2018</i>	Carl Peck, MD Former Director, Center for Drug Evaluation and Research, FDA.
	<i>Regulatory Reform and Advances of CFDA and the Contribution of CRO Industry to Drug Development in China</i>	Daryl Yao MD The C-FDA, Vice president, JOINN
12:20PM-1:00PM	Lunch Break	

1:00-3:00PM	Session 3: New Biostatistical Approaches to Clinical Trials	Moderator: Masahiro Takeuchi, PhD. Professor at Kitasato University
	<i>Utilizing Multiple Outcomes/Studies for Assessing Totally of Evidence on Treatment, Efficacy/Safety for Rare Diseases</i>	Lu Tian , Associate Professor, Biomedical Data Science, Stanford L J. Wei , Professor of Biostatistics, Harvard
	<i>Pragmatic Clinical Trials</i>	Sean Mackey, MD, PhD. Redlich Professor and Chief of the Division of Pain Medicine, Department of Anesthesiology, Stanford
	<i>Collaborating with the American Statistical Association to Develop Innovative Analytical Approaches for Alzheimer's Disease Research and Regenerative Medicine</i>	Stephen Wilson, Dr.P.H.. Former Director, Division of Biometrics III, Center for Drug Evaluation and Research (CDER), FDA
3:15-3:30PM	Coffee Break	

3:30-5:30PM	Session 4: Improving Population Health	Moderator: Ronald G. Pearl MD PhD Dr. Richard K. and Erika N. Richards Professor, Chairman of Anesthesiology, Perioperative & Pain Medicine at Stanford
	<i>ME-BYO and Precision Health</i>	Kenji Shuto MD Vice governor, Kanagawa Prefectural Government
	<i>The Evolving Apple Health Ecosystem</i>	Michael O'Reilly MD , Clinical Professor of Anesthesiology at Stanford and Health Special Project Apple

	<i>Global Health and Global Burden of Disease</i>	Yvonne (Bonnie) Maldonado, MD Senior Associate Dean for Faculty Development and Diversity and Professor of Pediatrics and Health Research and Policy, Chief, Division of Pediatric Infectious Diseases Stanford University School of Medicine
	<i>Stanford's Approach to Improving Population Health</i>	Lloyd Minor MD The Carl and Elizabeth Naumann Dean of Stanford University School of Medicine
5:30-6:00pm	<i>Networking with Coffee and Refreshments</i>	

Nov.7, Munzer Auditorium at Beckman Center (7:15-12:00noon)

7:30AM-8:00AM	<i>Coffee and Breakfast Networking</i>	
8:00AM	Opening Remarks	
	Peter Kao MD PhD Associate Professor of Medicine (Pulmonary & Critical Care Medicine) at Stanford	
	Hideyuki Okano, MD, PhD Professor, and dean of school of Graduate Medicine, Keio	
8:10AM-12:00noon	Session 5: Advances in Neuroscience	Moderator: Peter Kao MD, PhD Associate Professor of Medicine (Pulmonary & Critical Care Medicine) at Stanford
	<i>Using iPSCs To Model Genetic Myelin Diseases</i>	Marius Wernig, MD, PhD Associate Professor of Pathology, Institute for Stem Cell Biology and Regenerative Medicine Stanford University School of Medicine
	<i>iPSCs-based Regenerative Medicine and Drug Development for CNS Diseases</i>	Hideyuki Okano, MD, PhD Professor and dean of the School of Graduate Medicine, Keio University
	<i>Translational Science: Working with the FDA to Develop Drugs and Biologics for Neurodegenerative Diseases</i>	Stephen Wilson, Dr. P.H. Former Director, Division of Biometrics III, Center for Drug Evaluation and Research, FDA
	<i>NRF2 Roles in Neuroscience and Beyond</i>	Masayuki Yamamoto, MD, PhD Professor, Medical Biochemistry, Tohoku University Graduate School of Medicine
10:00-10:15AM	<i>Coffee Break</i>	

	<i>Pathological roles of aquaporin-4 (AQP4) in neurodegenerative diseases"</i>	Masato Yasui, MD, PhD Professor and Vice Dean of School of Medicine, Keio University
	<i>Neuro Signal Processing and Mathematical Modeling For Sleep Stage Decision Using EEG and Heart Rate</i>	Yasue Mitsukura, PhD. Professor, Keio University Faculty of Science and Technology
	<i>Medical Device Development for Regenerative medicine</i>	Arron D. Gitler Professor of Genetics, Stanford University School of Medicine

12:00-12:50PM	Lunch
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Venue; Li Ka Shing Center LK130

13:00-16:00PM	Session 6: Open Table Discussion on Improving Population Health By Accelerating Drug Development and Regulatory Science	Moderator: Steven Shafer Professor of Anesthesiology, Perioperative & Pain Medicine at Stanford
	<i>Comments from Session 1</i>	Lawrence L. Leung
	<i>Comments from Session 2</i>	Steven L. Shafer
	<i>Comments from Session 3</i>	Masahiro Takeuchi
	<i>Comments from Session 4</i>	Ronald G. Pearl
	<i>Comments from Session 5</i>	Peter N. Kao
	<i>Accelerator Contribution</i>	Plug and Play
		Shonan Health Innovation Park Takatoshi Kuno Head, Commercial & Business Development, Shonan Health Innovation Park
	<i>Open Discussion</i>	
16:00PM	<i>Closing Remarks</i>	Ronald G. Pearl, MD, PhD
		<i>Kenji Shuto</i>